

REMARKS

Claims 1-40 are pending in the present application. In the above amendments, claims 1, 10, 20, 22, 30, 39 and 40 have been amended. Therefore, after entry of the above amendments, claims 1-40 will be still pending in this application. Applicants believe that the present application is now in condition for allowance, which prompt and favorable action is respectfully requested.

1. Rejection under 35 U.S.C. 102(b)

The Examiner rejected claims 20-21 and 39-40 as being anticipated by U.S. Patent No. 4,817,146. ('146 patent). Applicants respectfully traverse this rejection.

Applicants respectfully submit that '146 patent does not disclose the claimed limitations. Specifically, '146 patent does not disclose "detecting that no data frame is available in said queue for decryption; and disabling said state vector when no data frame is available for decryption in said queue," as now claimed in independent claims 20 and 39. On the contrary, '146 patent discloses that:

"if during steady state operation the predicted IV does not properly compare with the currently received IV, a sync loss counter is incremented and when the value exceeds a maximum (e.g., 10), the receiver is assumed to have dropped out of synchronization and attempts are then made to resynchronize the receiver with the incoming data stream. Accordingly, . . . , once a steady state operation has been achieved, the receiver can 'coast' for about 10 data frames (e.g., about 2.25 seconds) before synchronization is considered to have been completely lost." ('146 patent, Col. 24, lines 19-26).

Therefore, according to the above passage from '146 patent, the '146 patent does not disclose detecting that no data frame is available in said queue for decryption and disabling said state vector accordingly.

Therefore since none of the cited references discloses at least the above limitations, Applicants respectfully request the Examiner to withdraw this rejection.

2. Rejection under 35 U.S.C. 103(a)

The Examiner rejected claims 1-19 and 22-38 as being unpatentable over '146 patent in view of Stevens Publications, TCP/IP Illustrated, Vol. 1, (Stevens).

A. Per claims 1-9 and 22-29:

Applicants respectfully submit that '146 patent does not disclose the claimed limitations. Specifically, Applicants agree with the Examiner that '146 patent does not disclose "detecting a delay in transmitting said data frames; dropping one or more of said frames; and disabling said state vector from incrementing for each of said data frames being dropped," as now claimed in independent claims 1 and 22. However, Applicants respectfully submit that Stevens does not disclose what '146 patent fails to disclose. Specifically, Stevens is concerned with "packet loss" and proposes a solution of combined "slow down the transmission rate of the packets . . . , and then invoke slow start. . . ." (Page 310, third paragraph). During the slow start process, the variable *cwnd* is "incremented by one segment every time an ACK is received." (Page 310, last paragraph).

Stevens is not concerned with transmission delay, and does not intentionally drop data frames to reduce the delay. Nowhere in Stevens is there any mention of disabling a counter (state vector) for each intentionally dropped data frame.

B. Per claims 10-19:

Applicants respectfully submit that '146 patent does not disclose the claimed limitations. Specifically, Applicants agree with the Examiner that '146 patent does not disclose "detecting that the data frames in the queue exceed a limit; dropping one or more of said data frames in said queue; and adjusting said state vector for each of said one or more data frames that are dropped," as now claimed in Claim 10. However, Applicants respectfully submit that Stevens does not disclose what '146 patent fails to disclose. Specifically, Stevens is concerned with "packet loss" and proposes a solution of combined "slow down the transmission rate of the packets . . . , and then invoke slow start. . . ." (Page 310, third paragraph). During the slow start process, the variable *cwnd* is "incremented by one segment every time an ACK is received." (Page 310, last paragraph).

Stevens is not concerned with the size of received data frames, and does not intentionally drop data frames to reduce the size. Nowhere in Stevens is there any mention of disabling a counter (state vector) for each intentionally dropped data frame.

C. Per claims 30-38:

Applicants respectfully submit that '146 patent does not disclose the claimed limitations. Specifically, Applicants agree with the Examiner that '146 patent does not disclose "a processor

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adapted to detect a delay in decryption of said data frames, to drop one or more of said data frames in said queue, and to adjust said state vector for each of said data frames that are dropped," as now claimed in Claim 30. However, Applicants respectfully submit that Stevens does not disclose what '146 patent fails to disclose. Specifically, Stevens is concerned with "packet loss" and proposes a solution of combined "slow down the transmission rate of the packets . . . , and then invoke slow start. . . ." (Page 310, third paragraph). During the slow start process, the variable *cwnd* is "incremented by one segment every time an ACK is received." (Page 310, last paragraph).

Stevens is not concerned with a delay in decryption of data frames, and does not intentionally drop data frames to reduce the delay. Nowhere in Stevens is there any mention of adjusting a counter (state vector) for each intentionally dropped data frame.

Therefore since none of the cited references discloses at least the above limitations, Applicants respectfully request the Examiner to withdraw this rejection.

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CONCLUSION

In light of the amendments contained herein, Applicants submit that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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